

## Amendments to the Claims

1. (Currently Amended) A method of facilitating a value exchange between multiple users in a distributed value exchange system without requiring a user to initiate a communication with ~~to~~ another user, the method comprising:

(a) registering a first user with the value exchange system, wherein the first user is assigned a first account with the value exchange system;

(b) receiving at the value exchange system a value exchange transaction from the first user, wherein said transaction involves a second user and includes:

(i) a pre-existing identifier of the second user, wherein the pre-existing identifier enables communication with the second user independent of the value exchange system; and

(ii) a value to be exchanged between the first user and the second user;

and

(c) at the value exchange system:

(i) generating a notification of said value exchange transaction;

(ii) electronically sending said notification to the second user; and

(iii) allocating said value between said first account and a second account associated with the second user.

2. (Previously Presented) The method of claim 1, further comprising: registering the second user with the value exchange system if not already registered.

3. (Original) The method of claim 1, wherein said value to be exchanged between the first user and the second user is to be transferred from the first user to the second user.

4. (Original) The method of claim 1, wherein said value to be exchanged between the first user and the second user is to be transferred from the second user to the first user.

5. (Original) The method of claim 3, wherein said value to be exchanged  
2 between the first user and the second user is receivable by the second user as a  
redeemable voucher.

6. (Original) The method of claim 5, wherein said redeemable voucher is  
2 redeemable by the second user by selecting an electronic link provided to the second  
user.

7. (Original) The method of claim 5, wherein the redeemable voucher  
2 includes an electronic advertisement.

Cl 8. (Original) The method of claim 3, wherein said value to be exchanged  
2 between the first user and the second user is receivable by the second user through a debit  
card.

9. (Original) The method of claim 3, wherein said value to be exchanged  
2 between the first user and the second user is receivable by the second user in the form of  
a web certificate, and wherein the method further comprises:  
4 transferring said value to be exchanged between the first user and the second user  
from the second user to a third user.

10. (Original) The method of claim 1, wherein said pre-existing identifier  
2 is a telephone number.

11. (Original) The method of claim 1, wherein said pre-existing identifier  
2 is an electronic mail address.

12. (Original) The method of claim 1, wherein said receiving a value  
2 exchange transaction comprises:  
initiating a value exchange involving a second user on a mobile client device of

4 said first user;  
establishing a connection between the first user and the value exchange system;  
6 and  
transmitting said value exchange to the system.

13. (Original) The method of claim 12, wherein said initiating a value  
2 exchange transaction comprises establishing a communication link between the first  
user's mobile computing device and a second user's mobile client device.

14. (Original) The method of claim 1, wherein said value exchange  
2 transaction is received from the first user through a mobile communication device.

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2 15. (Original) The method of claim 14, wherein the mobile  
communication device is a personal digital assistant.

16. (Original) The method of claim 14, wherein the mobile  
2 communication device is a telephone.

17. (Original) The method of claim 14, wherein the mobile  
2 communication device is a two-way pager.

18. (Original) The method of claim 14, wherein said value exchange  
2 transaction is received from the mobile communication device through a wireless  
network.

19. (Original) The method of claim 14, wherein the mobile  
2 communication device is a disconnectable device.

20. (Original) The method of claim 1, further comprising converting said  
2 value to be exchanged between the first user and the second user from a first form to a  
second form.

21. (Original) The method of claim 20, wherein said first form is a first  
2 currency and said second form is a second currency.

22. (Currently Amended) The method of claim 1, wherein a ~~the~~ form  
2 of said value to be exchanged between the first user and the second user depends on the  
pre-existing identifier.

23. (Original) The method of claim 1, further comprising holding said  
2 value to be exchanged between the first user and the second user in escrow with an  
escrow party until said value exchange transaction is completed.

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24. (Currently Amended) The method of claim 1, further comprising  
2 repeating (b), and (c) ~~and (d)~~ for a second value exchange transaction between the second  
user and a third user.

25. (Original) The method of claim 1, wherein an asymmetric  
2 cryptographic scheme is applied to secure said value exchange transaction.

26. (Currently Amended) A method of facilitating an exchange of  
2 value between multiple users through a distributed transaction system separate from the  
multiple users, the method comprising:

4 (a) receiving an instruction from a first user to exchange a value with a  
second user, wherein the first user is a registered user of the distributed transaction  
6 system and the instruction includes:

8 (i) an identifier of a second user not registered with the distributed  
transaction system, wherein said identifier is usable to identify the second user  
independently of the distributed transaction system; and

10 (ii) the value to be exchanged between the first user and the second  
user;

- 12 (b) notifying the second user of said value exchange by in an electronic  
14 communication from the distributed transaction system;  
16 (c) registering the second user with the distributed transaction system; and  
(d) transferring said value between the first user and the second user within  
the distributed transaction system.

27. (Original) The method of claim 26, wherein said identifier is an  
2 electronic mail address.

28. (Original) The method of claim 26, wherein said identifier is a  
2 telephone number.

29. (Original) The method of claim 26, wherein said instruction is  
2 received through a mobile communication device operated by the first user.

30. (Previously Presented) A method of facilitating a financial  
2 transaction between a first user and a second user through a distributed financial services  
system, the method comprising:

4 (a) registering a first user with the distributed financial services system;  
(b) receiving at the distributed financial services system a financial exchange  
6 request from a mobile communication device operated by the first user, wherein said  
financial transaction request includes:

8 (i) a pre-existing identifier of a second user participating in said  
financial exchange, wherein said pre-existing identifier is configured to identify  
10 the second user for a purpose other than conducting a financial exchange with the  
financial services system; and

12 (ii) an amount of the financial exchange;

(c) generating and sending a notification of said financial exchange request  
14 from the distributed financial service system to the second user; and

(d) within the distributed financial service system, allocating said amount of  
16 said financial exchange between the first user and the second user.

31. (Original) The method of claim 30, wherein said pre-existing  
2 identifier is an electronic mail address.

32. (Original) The method of claim 30, wherein said pre-existing  
2 identifier is a telephone number.

33. (Original) The method of claim 30, further comprising:  
2 (c') registering the second user with the distributed financial services system  
before allocating said amount of said financial exchange.

34. (Previously Presented) A value exchange system for exchanging  
2 value between multiple users, comprising:  
a database configured to store information concerning registered users of the  
4 value exchange system and details of transactions conducted by the registered users;  
a synchronization server configured to receive a first value exchange transaction  
6 from a client device operated by a first party, wherein said first value exchange  
transaction involves a second party identified by the first party with an electronic mail  
8 address; and  
a communication server configured to:  
10 notify the second party of said first value exchange transaction using said  
electronic mail address; and  
12 receive a connection from the second party and register the second party if  
not already registered.

35. (Original) The system of claim 34, further comprising a financial  
2 server configured to interact with a financial institution to access value to facilitate said  
first value exchange transaction.

36. (Original) The system of claim 34, further comprising a security  
2 server configured to generate a digital identity certificate that may be used to authenticate

the first party.

37. (Original) The system of claim 36, wherein said security server is  
2 further configured to authenticate a digital transaction certificate that may be used to  
authenticate said value exchange transaction.

38. (Cancelled)

39. (Currently Amended) A computer readable storage medium  
2 storing instructions that, when executed by a computer, cause the computer to perform a  
method of facilitating a value exchange between multiple users in a distributed value  
4 exchange system without requiring a user to initiate a communication with ~~to~~ another  
user, the method comprising:

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- 6 (a) registering a first user with the value exchange system, wherein the first  
user is assigned a first account with the value exchange system;
- 8 (b) receiving at the value exchange system a value exchange transaction from  
the first user, wherein said transaction involves a second user and includes:
- 10 (i) a pre-existing identifier of the second user, wherein the pre-  
existing identifier enables communication with the second user independent of the  
12 value exchange system; and
- (ii) a value to be exchanged between the first user and the second user;
- 14 and
- (c) at the value exchange system:
- 16 (i) generating a notification of said value exchange transaction;
- (ii) electronically sending said notification to the second user; and
- 18 (iii) allocating said value between said first account and a second  
account associated with the second user.

40. (Currently Amended) A computer readable storage medium  
2 storing instructions that, when executed by a computer, cause the computer to perform a  
method of facilitating an exchange of value between multiple users through a distributed

4 transaction system, the method comprising:

6 (a) receiving an instruction from a first user to exchange a value with a second user, wherein the first user is a registered user of the distributed transaction system and the instruction includes:

8 (i) an identifier of a second user not registered with the distributed transaction system, wherein said identifier is usable to identify the second user independently of the distributed transaction system; and

10 (ii) the value to be exchanged between the first user and the second user;

12 (b) notifying the second user of said value exchange by in an electronic communication from the distributed transaction system;

14 (c) registering the second user with the distributed transaction system; and

16 (d) transferring said value between the first user and the second user within the distributed transaction system.

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41. (Currently Amended) A computer readable storage medium storing instructions that, when executed by a computer, cause the computer to perform a method of facilitating a financial transaction between a first user and a second user through a distributed financial services system, the method comprising:

4 (a) registering a first user with the distributed financial services system;

6 (b) receiving at the distributed financial services system a financial exchange request from a mobile communication device operated by the first user, wherein said financial transaction request includes:

8 (i) a pre-existing identifier of a second user participating in said financial exchange, wherein said pre-existing identifier is configured to identify the second user for a purpose other than conducting a financial exchange with the financial services system; and

10 (ii) an amount of the financial exchange;

12 (c) generating and sending a notification of said financial exchange request from the distributed financial service system to the second user; and



16 (d) within the distributed financial service system, allocating said amount of  
said financial exchange between the first user and the second user.

2 42. (Previously Presented) A system for facilitating the transfer of  
value from one user to another user, comprising:  
means for receiving a value transfer request from a value provider, wherein said  
4 value transfer request comprises:  
an electronic mail address of a value receiver; and  
6 a first value to be transferred from the value provider to the value receiver;  
means for transferring said first value from a first account associated with the  
8 value provider to a second account associated with the value receiver; and  
means for notifying the value receiver of said value transfer;  
10 wherein the value receiver is identifiable, for purposes of said value transfer, only  
by said electronic mail address.

C 43. (Previously Presented) A method of transferring value, comprising:  
2 receiving a connection from a registered user of a value transfer system;  
receiving from the registered user a request to execute a transfer to an  
4 unregistered party, wherein the unregistered party is identified only by an electronic mail  
address, the request comprising:  
6 said electronic mail address of the unregistered party; and  
a first value to be transferred to the unregistered party;  
8 sending notification of said transfer from said value transfer system to the  
unregistered party via electronic mail;  
10 registering the unregistered party, wherein said registering comprises creating an  
account for the unregistered party; and  
12 at the value transfer system, transferring said first value from the registered user  
to the unregistered user.

2 44. (Previously Presented) A method of transferring value, comprising:  
receiving a connection from a first user of a value transfer system;

receiving from the first user a request to execute a value transfer to a second user,  
4 the request comprising:  
an electronic mail address of the second user; and  
6 a first value to be transferred to the second user; and  
sending a notification of said value transfer from said value transfer system to the  
8 second user via electronic mail;  
wherein said electronic mail address is sufficient for said value transfer system to  
10 transfer said first value from an account of the first user to an account associated with the  
second user.

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45. (Previously Presented) The method of claim 1, wherein said  
2 registering the first user comprises creating said first account.

46. (Previously Presented) The method of claim 45, wherein said  
2 receiving comprises said registering.

47. (Previously Presented) The method of claim 1, wherein said  
2 allocating comprises:  
creating said second account; and  
4 registering the second user.

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